SUBMISSION ID:
 1139253

 FACILITY:
 Emerald BioEnergy

 LOCATION:
 2881 Co Rd 156

Cardington, OH 43315

Cardington, OH 4

COUNTY: Morrow DISTRICT: CDO

STATUS: Original PERMIT NUMBER: 4IN00204\*BD STATION CODE: 581

MONITORING PERIOD : 2022-03-01 To: 2022-03-31

**REPORTING LAB:** Renergy **ANALYST:** Jeff Williamson

NO DISCHARGE INDICATOR: AL

PARAMETER	рН	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total in Sludge	Potassium In Sludge	Arsenic, Tot In Sludge	al Cadmium, Total In Sludge
PARAMETER CODE	00400	00611	00627	00668	00938	01003	01028
UNITS	S.U.	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	
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2022-03-02							
2022-03-03							
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2022-03-28		<b></b>		<b></b>		<b> </b>	
2022-03-29		<b>-</b>				<b> </b>	
2022-03-30		<u> </u>				<b></b>	
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Average	000000000000000000000000000000000000000				000000000000000000000000000000000000000		
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Jeffre William	inquin imme the in submi and c are si false	y of those individiately responsile formation, I belicated information omplete. I am awamificant penalticant penalticant penalticant of fine and	duals ble for obtaining eve the is true, accurat are that there es for submittin uding the	ce			Certification Version Date 2022-04- 20 14:04

Page 1

SUBMISSION ID:1139253STATUS:OriginalFACILITY:Emerald BioEnergyPERMIT NUMBER:4IN00204\*BDLOCATION:2881 Co Rd 156STATION CODE:581

Cardington, OH 43315 MONITORING PERIOD :

COUNTY:MorrowREPORTING LAB:RenergyDISTRICT:CDOANALYST:Jeff Williamson

NO DISCHARGE INDICATOR: AL

			Ne	O DISCHARGE I	NDICATOR:	AL	
PARAMETER	Copper, Total Sludge	In Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total In Sludge	Selenium, Total In Sludge	Sludge Fe Weight	e Sludge Weight
PARAMETER CODE	01043	01052	01068	01093	01148	51129	70316
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	dry tons	Dry Tons
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Total	Total
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
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2022-03-06							
2022-03-07						*******************************	
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Minimum							
Maximum						***************************************	
Average	000000000000000000000000000000000000000	10000		***************************************		000000000000000000000000000000000000000	
Count							
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	inqui	ry of those indiv ediately responsi	iduals	T			
	the in	nformation, I bel		7			Certification
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William		ignificant penalt		<b>а</b>			mvmm VT
	falco	information, inc	ludina tha	9			20 14:04
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Page 2

Original 4IN00204\*BD SUBMISSION ID: 1139253 STATUS: FACILITY: LOCATION: Emerald BioEnergy 2881 Co Rd 156 PERMIT NUMBER: STATION CODE:

MONITORING PERIOD: Cardington, OH 43315

COUNTY: Morrow **REPORTING LAB:** Renergy DISTRICT: CDO ANALYST: Jeff Williamson

			NO	DISCHARGE IN	IDICATOR:	AL	
PARAMETER	Mercury, Total In Sludge	Molybdenum In Sludge					
PARAMETER CODE	71921	78465					
UNITS	mg/kg	mg/kg					
FREQUENCY	1/Month	1/Month					
SAMPLING	6	C					
TYPE	Composite	Composite					
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
2022-03-05						<b> </b>	
2022-03-06						<b></b>	
2022-03-07						<b> </b>	
2022-03-08 2022-03-09	***************************************	<b></b>					
2022-03-10			<u>-</u>			<b> </b>	
2022-03-10						<b> </b>	
2022-03-12			-			<b></b>	
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2022-03-26					***************************************	<b></b>	
2022-03-27 2022-03-28	***************************************	<b></b>			***************************************	<b></b>	
2022-03-28						<b> </b>	
2022-03-30						<b></b>	
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Page 3

SUBMISSION ID:1139253STATUS:OriginalFACILITY:Emerald BioEnergyPERMIT NUMBER:4IN00204\*BDLOCATION:2881 Co Rd 156STATION CODE:582

Cardington, OH 43315 MONITORING PERIOD :

COUNTY:MorrowREPORTING LAB:BrookesideDISTRICT:CDOANALYST:CHarel Rex

NO DISCHARGE INDICATOR:

			14.	O DISCHARGE IN	DICATON.		
PARAMETER	pH	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total in Sludge	Potassium In Sludge	Arsenic, Tot In Sludge	al Cadmium, Total In Sludge
PARAMETER CODE	00400	00611	00627	00668	00938	01003	01028
UNITS	S.U.	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2022-03-01							
2022-03-02							
2022-03-03		· • • • • • • • • • • • • • • • • • • •		***************************************		<b></b>	
2022-03-04						Ī	
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2022-03-09	7.92	137000	158000	32400	47100	3	322
2022-03-10							
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2022-03-12							
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2022-03-22		<u> </u>					
2022-03-23						<b></b>	
2022-03-24		-				<b></b>	
2022-03-25							
2022-03-26						<b></b>	
2022-03-27						<b></b>	
2022-03-28						<b></b>	
2022-03-29			***************************************	***************************************	***************************************	<b></b>	
2022-03-30				***************************************	***************************************	<b></b>	
2022-03-31	7 ^^	137000	150000	22400 0	471000		
Minimum	7.92	137000.0	158000.0	32400.0	47100.0	3.0	322.0
Maximum	7.92	137000.0	158000.0	32400.0	47100.0	3.0	322.0
Average	000000000000000000000000000000000000000	137000	158000	32400	47100	3	322
Count	1	1	1	1	1	1	1
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Jeffre Williams	inquir imme the in submi and co are si false	y of those individiately responsile formation, I beliated information omplete. I am awanificant penalticant penalticant of fine and	duals ble for obtaining eve the is true, accurat are that there es for submittin uding the	е			Certification Version Date 2022-04- 20 14:04

Page 4

SUBMISSION ID:1139253STATUS:OriginalFACILITY:Emerald BioEnergyPERMIT NUMBER:4IN00204\*BDLOCATION:2881 Co Rd 156STATION CODE:582

Cardington, OH 43315 MONITORING PERIOD :

COUNTY: Morrow REPORTING LAB: Brookeside
DISTRICT: CDO ANALYST: CHarel Rex

NO DISCHARGE INDICATOR:

			N	D DISCHARGE I	NDICATOR:		
PARAMETER	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total In Sludge	Selenium, Total In Sludge	Sludge Fee Weight	Sludge Weight
PARAMETER CODE	01043	01052	01068	01093	01148	51129	70316
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	dry tons	Dry Tons
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Total	Total
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
2022-03-05							
2022-03-06							
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2022-03-27		<b></b>					
2022-03-28		<b>8</b>		***************************************	-		
2022-03-29							
2022-03-30							
2022-03-31							
Minimum	0.0	0.0	25.0	556.0	6.0	0.0	0.0
Maximum	0.0	0.0	25.0	556.0	6.0	0.0	0.0
Average	0	0	25	556	6	0	0
Count	1	1	1	1	1	1	1
Name of Resp	onsible I certif	v under the per	nalty of law that		of Responsible C	Official or	Submission
Official or Aut	horized have n	ersonally exam	ined and am	Author	rized Representa	ative	Date/Time
Representa		r with the info					
		ted herein and					
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			ble for obtaining	r <b>I</b>			
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William			les for submitting	γ <b>I</b>			
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			imprisonment.				
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Page 5

Original 4IN00204\*BD SUBMISSION ID: 1139253 STATUS: FACILITY: LOCATION: Emerald BioEnergy 2881 Co Rd 156 PERMIT NUMBER: STATION CODE: MONITORING PERIOD:

Cardington, OH 43315

COUNTY: Morrow **REPORTING LAB:** Brookeside CDO DISTRICT: ANALYST: **CHarel Rex** 

			NO	DISCHARGE II	NDICATOR:		
PARAMETER	Mercury, Total In Sludge	Molybdenum In Sludge					
PARAMETER CODE	71921	78465					
UNITS	mg/kg	mg/kg					
FREQUENCY	1/Month	1/Month					
SAMPLING	6	6					
TYPE	Composite	Composite					
2022-03-01							
2022-03-02							
2022-03-03							
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2022-03-05		<b></b>				<b>-</b>	
2022-03-06		ļ				-	
2022-03-07	***************************************						
2022-03-08 2022-03-09	.07	16				<b></b>	
2022-03-10	.07	10				1	
2022-03-10						1	
2022-03-12						<b>†</b>	
2022-03-13						1	
2022-03-14						1	
2022-03-15						1	
2022-03-16						1	
2022-03-17							
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2022-03-27 2022-03-28	***************************************	<b></b>			***************************************	<b></b>	
2022-03-28						<del> </del>	
2022-03-29						<del> </del>	
2022-03-31						1	
Minimum	0.07	16.0				1	
Maximum	0.07	16.0		***************************************	<b></b>	<b>-</b>	
Average	0.07	16.0					
Count	1	1		000000000000000000000000000000000000000	000000000000000000000000000000000000000		000000000000000000000000000000000000000
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Jeffre William	inquiry immed the inf submit and co are sig false in	y of those indivioliately responsible formation, I belie ted information mplete. I am awa	duals ble for obtaining eve the is true, accurate are that there es for submitting uding the				Certification Version Date 2022-04- 20 14:04

Page 6

SUBMISSION ID:1139253STATUS:OriginalFACILITY:Emerald BioEnergyPERMIT NUMBER:4IN00204\*BDLOCATION:2881 Co Rd 156STATION CODE:601

Cardington, OH 43315 MONITORING PERIOD :

COUNTY:MorrowREPORTING LAB:RenergyDISTRICT:CDOANALYST:Jeff Williamson

NO DISCHARGE INDICATOR: AL

PARAMETER	
CODE	
UNITS GPD % % mg/l lb/cf/day FREQUENCY 1/Week 1/Week 1/Week 1/Week 1/Week  SAMPLING TYPE Continuous Composite Composite Composite Continuous  2022-03-01 2022-03-02 2022-03-03 2022-03-04 2022-03-05 2022-03-06 2022-03-07 2022-03-08 2022-03-09 2022-03-10 2022-03-10 2022-03-12 2022-03-13 2022-03-14 2022-03-15 2022-03-16 2022-03-16 2022-03-17	
FREQUENCY         1/Week         1/Example of the part of the	
SAMPLING TYPE         Continuous         Composite         Composite         Composite         Continuous           2022-03-01         2022-03-02         2022-03-03         2022-03-03         2022-03-04         2022-03-04         2022-03-05         2022-03-05         2022-03-05         2022-03-05         2022-03-06         2022-03-07         2022-03-09         2022-03-09         2022-03-09         2022-03-10         2022-03-10         2022-03-11         2022-03-12         2022-03-13         2022-03-13         2022-03-13         2022-03-15         2022-03-15         2022-03-16         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-18         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-18         2022-03-17         2022-03-17         2022-03-17         2022-03-17         2022-03-18         2022-03-17         2022-03-18         2022-03-18         2022-03-18         2022-03-18         2022-03-18         2022-03-18         2022-03-18         2022-03-18         2022-03-18         2022-03-18         2022-03-18         2022-03-18         2022-03-18         2022-03-18	
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Representative familiar with the information	
submitted herein and based on my	
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immediately responsible for obtaining	ertification
In the information. I believe the	rsion Date
Jeiney submitted information is true, accurate	
Williamson and complete. I am aware that there	2022-04-
are significant penalties for submitting	00 14:04
false information, including the	20 14:04
possibility of fine and imprisonment.	

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SUBMISSION ID: 1139253
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156

Cardington, OH 43315

COUNTY: Morrow DISTRICT: CDO

STATUS: PERMIT NUMBER: STATION CODE: MONITORING PERIOD:

**REPORTING LAB:** 

ANALYST:

Original 4IN00204\*BD

602

2022-03-01 To: 2022-03-31

Renergy Jeff Williamson

NO DISCHARGE INDICATOR:

PARAMETER	Temperature, In	рН	Alkalinity, Total	Volatile Fatty	Detention Time,		
PARAMETER	Sludge 99978	00400	(CaCO3) 00410	Acids (VFA)	days 72026		
CODE							
UNITS	F	S.U.	mg/l	mg/l	days		
FREQUENCY	1/Day	3/Week	3/Week	3/Week	1/Week		
SAMPLING TYPE	Continuous	Composite	Composite	Composite	Continuous		
2022-03-01	98	7.803	9431	1897			
2022-03-02	99	7.848					
2022-03-03	98		10670	1415	70		
2022-03-04	98 98	7.762					
2022-03-05 2022-03-06	98						
2022-03-06	98	7.716	9698	2373			
2022-03-08	97	7,710	3030	23/3			
2022-03-09	96	7.841	11185	1146	70		
2022-03-10	98	710-72		22-70	, <u>, , , , , , , , , , , , , , , , , , </u>		
2022-03-11	98	7.829	10610	1432			
2022-03-12	96						
2022-03-13	98						
2022-03-14	98	7.832	10996	1116			
2022-03-15	98						
2022-03-16	98	7.819	10145	1264			
2022-03-17	98						
2022-03-18	98	7.805	10328	1543	70		
2022-03-19	98						
2022-03-20	98						
2022-03-21	98	7.833	12113	562			
2022-03-22	97						
2022-03-23	99	7.805	11373	1208	90		
2022-03-24 2022-03-25	98	7.746	11104	706			
2022-03-25	98 98	7.746	11104	796			
2022-03-27	98		-				
2022-03-28	98	7.768	11549	1211			
2022-03-29	98	7,700	11375	2623			
2022-03-30	98	7.769	11172	1201	90		
2022-03-31	98						
Minimum		7.716	9431.0	562.0	96.0		
Maximum		7.848	12113.0	2373.0	99.0		
Average			10798	1320.30769	97.87097		
Count	000000000000000000000000000000000000000	14	13	13	31	000000000000000000000000000000000000000	
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Official or Auti	horized have pe	reconcilité exerc	naity of law tildt	Δutho	rized Represent		Date/Time
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William:			ware that there				2022-04-
vviiiiaiii.	are sign		ies for submitting	J			20 14:04
		formation, inc					20 14.U4
	possibil	ity of fine and	l imprisonment.				

Page 8

SUBMISSION ID:1139253STATUS:OriginalFACILITY:Emerald BioEnergyPERMIT NUMBER:4IN00204\*BDLOCATION:2881 Co Rd 156STATION CODE:603

Cardington, OH 43315 MONITORING PERIOD :

COUNTY:MorrowREPORTING LAB:RenergyDISTRICT:CDOANALYST:Jeff Williamson

NO DISCHARGE INDICATOR: AL

				O DISCHARGE II	090000000000000000000000000000000000000	AL	
PARAMETER	Solids, Total Volatile	Sludge Solids, Percent Volatile	COD, Soluble	Oil and Grease, Hexane Extr Method	Foreign Matter, percent		
PARAMETER CODE	00157	70322	80116	00552	99979		
UNITS	% Removed	%	mg/l	mg/l	%		
FREQUENCY	1/Week	1/Week	1/Week	1/Month	1/Month		
SAMPLING TYPE	Calculated	Composite	Composite	Composite	Composite		
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04		<b></b>		<b></b>			
2022-03-05							
2022-03-06		<b>-</b>		<b></b>			
2022-03-07		-		<u></u>			
2022-03-08							
2022-03-09 2022-03-10		1		1		<b></b>	
2022-03-10							
2022-03-11							
2022-03-13		- <b></b>		<b></b>			
2022-03-14		1		<b>!</b>			
2022-03-15							
2022-03-16							
2022-03-17							
2022-03-18							
2022-03-19							
2022-03-20	***************************************			***************************************	***************************************		
2022-03-21							
2022-03-22							
2022-03-23		<b>-</b>		<b></b>			
2022-03-24							
2022-03-25							
2022-03-26 2022-03-27		<b>-</b>					
2022-03-27		-	<b></b>	<u> </u>			
2022-03-29		<b>-</b>					
2022-03-30	***************************************	***************************************					***************************************
2022-03-31	***************************************	***************************************		-			
Minimum							
Maximum		1					
Average						000000000000000000000000000000000000000	***************************************
Count	000000000000000000000000000000000000000					***************************************	000000000000000000000000000000000000000
	<b>onsible</b> I carti	fy under the per	alty of law that	I Signature c	f Responsible	Official or	Submission
Official or Aut		personally exam		Author	ized Represent		Date/Time
Representa	8	ar with the info		1			
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		y of those mary diately responsi					
	#ho in	formation, I beli	oro tpo nie ini nnigililli	9			Certification
Jeffre							Version Date
		tted information		L <del>C</del>			2022-04-
William		omplete. I am aw		~			2022*U4*
	for a sif	gnificant penalti		ıy <b>I</b>			20 14:04
	Taise 1	nformation, incl	iuding the				
	100SS1	<u>pility of fine and</u>	imprisonment.		***************************************		

Page 9

SUBMISSION ID: 1139253
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156

Cardington, OH 43315

COUNTY: Morrow DISTRICT: CDO

STATUS: PERMIT NUMBER: STATION CODE: MONITORING PERIOD:

**REPORTING LAB:** 

ANALYST:

Original 4IN00204\*BD

604

2022-03-01 To: 2022-03-31

Renergy Jeffrey Williamson

NO DISCHARGE INDICATOR:

			N	D DISCHARGE II	NDICATOR:		
PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2022-03-01							
2022-03-02							
2022-03-03	1	6.1700					
2022-03-04 2022-03-05		<u> </u>					
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10	11	6.1700					
2022-03-11 2022-03-12		<u> </u>					
2022-03-12		<u> </u>					
2022-03-14		1					
2022-03-15							
2022-03-16	***************************************			***************************************			
2022-03-17	1	6.1700					
2022-03-18		<b></b>	<u> </u>				
2022-03-19 2022-03-20		9					
2022-03-20		<b>-</b>					
2022-03-22							
2022-03-23							
2022-03-24	1	6.1700					
2022-03-25		<b>-</b>					
2022-03-26 2022-03-27				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
2022-03-27							
2022-03-29							
2022-03-30							
2022-03-31	1	6.1700					
Minimum	1.0			***************************************			
Maximum	1.0						
Average	1			010000010000010000010000010000010000010000		000000000000000000000000000000000000000	
Count	5						
Name of Respo	onsible II certi	fy under the per	naity of law that	I Signature o	f Responsible		Submission Date/Time
Official or Auth Representa	- Brice ( )	personally exam		Autnor	ized Represent	ative	vate/ iiiile
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		tted herein and			98600088800088880008888800888800888800888		***************************************
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		formation, I beli		,			Certification
Jeffre	V kuhmi	tted information		e <b>1</b>			Version Date
		omplete. I am aw		Ĭ			2022-04-
Williams		gnificant penalti		a I			
		information, incl		9			20 14:04
		oility of fine and					

Page 10

SUBMISSION ID: 1139253
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156

Cardington, OH 43315

COUNTY: Morrow DISTRICT: CDO

STATUS: PERMIT NUMBER: STATION CODE: MONITORING PERIOD:

**REPORTING LAB:** 

ANALYST:

Original 4IN00204\*BD

605

2022-03-01 To: 2022-03-31

Renergy Jeff Williamson

		NO DISCHARGE INDICATOR:									
PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge									
PARAMETER CODE	82564	99977									
UNITS	feet	mgals									
FREQUENCY	1/Week	1/Week									
SAMPLING TYPE	Total	Total									
2022-03-01											
2022-03-02	~										
2022-03-03	1	.53000									
2022-03-04 2022-03-05											
2022-03-06											
2022-03-07											
2022-03-08											
2022-03-09											
2022-03-10	11	.53000									
2022-03-11											
2022-03-12		<b></b>									
2022-03-13 2022-03-14											
2022-03-14											
2022-03-16											
2022-03-17	1	.53000		***************************************	***************************************						
2022-03-18		***************************************		***************************************							
2022-03-19											
2022-03-20											
2022-03-21		<u> </u>									
2022-03-22											
2022-03-23	*	F3000									
2022-03-24 2022-03-25	11	.53000									
2022-03-25		<b>i</b>									
2022-03-27											
2022-03-28	***************************************	<b>\$</b>									
2022-03-29		•									
2022-03-30											
2022-03-31	1	.53000									
Minimum	1.0										
Maximum	1.0										
Average	1										
Count	5			***************************************							
Name of Respo	orized have p	ersonally exam	nalty of law that ined and am	I Signature o Author	f Responsible ( ized Represent		Submission Date/Time				
Representa	submit	ar with the infor tted herein and	based on my		55000000000000000000000000000000000000		00000000000000000000000000000000000000				
Jeffre Williams	y submit submit and co are sig false in	formation, I beli tted information implete. I am aw	ble for obtaining eve the is true, accurat vare that there es for submittin luding the	e			Certification Version Date 2022-04- 20 14:04				

Page 11

SUBMISSION ID: 1139253
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156

Cardington, OH 43315

COUNTY: Morrow DISTRICT: CDO

STATUS: PERMIT NUMBER: STATION CODE: MONITORING PERIOD:

**REPORTING LAB:** 

ANALYST:

Original **4IN00204\*BD** 

606

2022-03-01 To: 2022-03-31

Renergy Jeff Williamson

NO DISCHARGE INDICATOR:

			N	D DISCHARGE II	NDICATOR:		
PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING							
TYPE	Total	Total					
2022-03-01 2022-03-02							
2022-03-03	2	.29000					
2022-03-04							
2022-03-05							
2022-03-06		-					
2022-03-07 2022-03-08						•	***************************************
2022-03-09		<b>-</b>					
2022-03-10	2	.29000		***************************************			
2022-03-11		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16		<b>_</b>		***************************************			
2022-03-17	<u>1</u>	.40000					
2022-03-18 2022-03-19				***************************************	***************************************		
2022-03-19		<b>-</b>					
2022-03-21		-					
2022-03-22							
2022-03-23							
2022-03-24	1	.40000					
2022-03-25							
2022-03-26							
2022-03-27		-					
2022-03-28		<b>-</b>					
2022-03-29 2022-03-30		<b>-</b>					
2022-03-30	1	.40000					
Minimum	1.0	.4000					
Maximum	2.0			***************************************			
Average	1.4						
Count				***************************************	100000000000000000000000000000000000000	001100000000000000000000000000000000000	
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Official or Auth		ny under the per personally exam		Author	ized Represent		Date/Time
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Williams		gnificant penalti		· I			
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		oility of fine and					
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Page 12

SUBMISSION ID: 1139253
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156

Cardington, OH 43315

COUNTY: Morrow DISTRICT: CDO

STATUS: PERMIT NUMBER: STATION CODE: MONITORING PERIOD:

**REPORTING LAB:** 

ANALYST:

Original 4IN00204\*BD

607

2022-03-01 To: 2022-03-31

Renergy Jeff Williamson

			N	D DISCHARGE II	NDICATOR:		
PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2022-03-01							
2022-03-02							
2022-03-03	1	2.75000					
2022-03-04 2022-03-05		<u> </u>					
2022-03-05		8					
2022-03-07		-					
2022-03-08		-					***************************************
2022-03-09							
2022-03-10	1	2.75000					
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17	1	2.75000					
2022-03-18		***************************************		***************************************			
2022-03-19		<u> </u>					
2022-03-20							
2022-03-21		1					
2022-03-22 2022-03-23							
2022-03-24	1	2.75000					
2022-03-25	<u>+</u>	2.73000					
2022-03-26		<b>†</b>					
2022-03-27		<u> </u>					
2022-03-28		***************************************	***************************************	***************************************			
2022-03-29							
2022-03-30							
2022-03-31	1	2.75000					
Minimum	1.0						
Maximum	1.0						
Average	1						
Count	5			00000000000000000000000000000000000000			
Name of Respo	nsible I carti	fy under the ner	nalty of law that	I Signature o	f Responsible	Official or	Submission
Official or Auth		personally exam		Author	ized Represent		Date/Time
Representa	Britis of b	ar with the info	med and am mation				
•	år er i i i i i	tted herein and					
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			ludis ble for obtaining	,			
		formation, I beli				Certification	
Jeffre							<b>Version Date</b>
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Williams		mplete. I am aw					2022-04-
**********	m e sif	are significant penalties for submitting					20 14:04
		nformation, incl					
	possib	<u>ility of fine and</u>	<u>imprisonment.</u>		200000000000000000000000000000000000000		

Page 13

SUBMISSION ID:1139253FACILITY:Emerald BioEnergyLOCATION:2881 Co Rd 156

Cardington, OH 43315

COUNTY: Morrow DISTRICT: CDO

STATUS: PERMIT NUMBER: STATION CODE: MONITORING PERIOD:

**REPORTING LAB:** 

ANALYST:

Original **4IN00204\*BD** 

608

2022-03-01 To: 2022-03-31

Renergy Jeff Williamson

			N	D DISCHARGE II	NDICATOR:			
PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge						
PARAMETER CODE	82564	99977						
UNITS	feet	mgals						
FREQUENCY	1/Week	1/Week						
SAMPLING TYPE	Total	Total						
2022-03-01		<u> </u>	<b></b>					
2022-03-02	7	1 20000						
2022-03-03 2022-03-04	1	1.36000						
2022-03-05		<u> </u>						
2022-03-06		8						
2022-03-07		-						
2022-03-08							***************************************	
2022-03-09								
2022-03-10	1	1.36000						
2022-03-11								
2022-03-12								
2022-03-13								
2022-03-14								
2022-03-15 2022-03-16		1	<b>-</b>					
2022-03-16	1	1.36000						
2022-03-18		1,3000		***************************************	***************************************	***************************************		
2022-03-19		-						
2022-03-20								
2022-03-21								
2022-03-22								
2022-03-23								
2022-03-24	1	1.36000						
2022-03-25		<b>-</b>	<b></b>					
2022-03-26		<u> </u>						
2022-03-27 2022-03-28		-		***************************************		***************************************		
2022-03-28								
2022-03-30			<b></b>					
2022-03-31	1	1.36000						
Minimum	1.0							
Maximum	1.0	***************************************		***************************************				
Average	1							
Count	5			***************************************		000000000000000000000000000000000000000		
Name of Respo		fy under the ner	alty of law that	I Signature o	f Responsible	Official or	Submission	
Official or Auth		personally exam		Author	ized Represent		Date/Time	
Representa	Strate b	ar with the info	mation					
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			ble for obtaining	r				
		formation, I beli					Certification	
Jeffre	V submit		is true, accurat			<b>Version Date</b>		
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Williams				7			mvmm VT	
	an c sic	are significant penalties for submitting false information, including the					20 14:04	
***************************************	possib	<u>ility of fine and</u>	ımprisonment.		***************************************			

Page 14

SUBMISSION ID: 1139253
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156

Cardington, OH 43315

COUNTY: Morrow DISTRICT: CDO

STATUS: PERMIT NUMBER: STATION CODE: MONITORING PERIOD:

**REPORTING LAB:** 

Original **4IN00204\*BD** 

609

2022-03-01 To: 2022-03-31

Renergy

**ANALYST:** Jeffrey Williamson

NO DISCHARGE INDICATOR: Maximum Operating **PARAMETER** Freeboard Level (MOĽ), Sludge **PARAMETER** 82564 99977 CODE UNITS feet mgals FREQUENCY 1/Week 1/Week SAMPLING Total Total TYPE 2022-03-01 2022-03-02 20.95000 2022-03-03 1 2022-03-04 2022-03-05 2022-03-06 2022-03-07 2022-03-08 2022-03-09 20.95000 2022-03-10 1 2022-03-11 2022-03-12 2022-03-13 2022-03-14 2022-03-15 2022-03-16 1 20.95000 2022-03-17 2022-03-18 2022-03-19 2022-03-20 2022-03-21 2022-03-22 2022-03-23 2022-03-24 20.95000 2022-03-25 2022-03-26 2022-03-27 2022-03-28 2022-03-29 2022-03-30 20.95000 2022-03-31 Minimum 1.0 Maximum 1.0 Average 1 Count Name of Responsible I certify under the penalty of law that I | Signature of Responsible Official or Submission Official or Authorized have personally examined and am Date/Time **Authorized Representative** Representative familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining Certification the information, I believe the **Version Date** Jeffrey submitted information is true, accurate 2022-04and complete. I am aware that there Williamson are significant penalties for submitting

false information, including the possibility of fine and imprisonment.

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20 14:04

FACILITY: LOCATION: Emerald BioEnergy 2881 Co Rd 156 PERMIT NUMBER: MONITORING PERIOD: 4IN00204\*BD

2022-03-01 To: 2022-03-31

Cardington, OH 43315

#### **PARAMETER COMMENTS:**

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
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